

## ABSTRACT OF THE DISCLOSURE

Method and system of determining a location of a wireless transmitting device, such as a cellular phone, a wireless PDA or a radio tag, and guiding the searching personnel to physically reach the wireless transmitting device are disclosed that employ a "Movable Detection Station" and a "Guiding and Reference Device", and optionally a "searching robot". The movable detection station is carried on board of a moving platform, such as a police car, an ambulance or a fire truck, or carried by searching personnel. The guiding and reference device is a handheld device including a display device that displays position and guiding information to a user, and a reference wireless transmitter that works with a movable detection station. A searching robot is a robot with a reference transmitter installed on it.